

TREE RETENTION WORKSHEET

1. **Total** number of trees over 6" in diameter¹ on project site: 1. _____ trees
2. **Deductions:** Certain trees are excluded from the retention calculation:
Trees that are dead, diseased or dangerous² _____ trees
Trees in proposed public streets _____ trees
Trees in proposed private access easements/tracts _____ trees
Trees in critical areas³ and buffers _____ trees

Total number of **excluded trees:** 2. _____ trees
3. Subtract **line 2** from **line 1**: 3. _____ trees
4. Next, to determine the number of trees that must be **retained**⁴, multiply **line 3** by:
0.3 in zones RC, R-1, R-4, or R-8
0.1 in all other residential zones
0.05 in all commercial and industrial zones 4. _____ trees
5. List the number of 6" or larger trees that you are proposing⁵ to **retain**⁴:
5. _____ trees
6. Subtract **line 5** from **line 4** for **trees to be replaced**: 6. _____ trees
(If line 6 is less than zero, stop here. No replacement trees are required).
7. Multiply **line 6** by **12"** for number of **required replacement inches**:
7. _____ inches
8. Proposed size of trees to meet **additional planting** requirement:
(Minimum 2" caliper trees required) 8. _____ inches
per tree
9. Divide **line 7** by **line 8** for number of **replacement trees**⁶:
(if remainder is .5 or greater, round up to the next whole number)
9. _____ trees

¹. Measured at chest height.

². Dead, diseased or dangerous trees must be certified as such by a forester, registered landscape architect, or certified arborist, and approved by the City.

³. Critical Areas, such as wetlands, streams, floodplains and protected slopes, are defined in Section 4-3-050 of the Renton Municipal Code (RMC).

⁴. Count only those trees to be retained outside of critical areas and buffers.

⁵. The City may require modification of the tree retention plan to ensure retention of the maximum number of trees per RMC 4-4-130H7a

⁶. Inches of street trees, inches of trees added to critical areas/buffers, and inches of trees retained on site that are less than 6" but are greater than 2" can be used to meet the tree replacement requirement.